

Notice of Allowability

Application No.

10/668,713

Examiner

Shawn Gu

Applicant(s)

RUDELIC, JOHN C.

Art Unit

2189

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment filed on 20 January 2006 and telephone interview of 21 February 2006.
2. ☒ The allowed claim(s) is/are 1,2,9,12-16,18,20-24 and 28-33, 35.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date <u>10022006</u> . |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this Examiner's Amendment was given in telephone interviews with Mark Rozman (Reg #: 42117) on 6 February 2006 and 21 February 2006.

The application has been amended as follows:

Claim 1 (currently amended): A method comprising:

causing data of a first type to be stored in a first level of a unified memory device and data of a second type to be stored in a second level of the unified memory device;

causing a logical memory management boundary to be disposed between the first level and the second level;

causing data fragments to be stored in respectively ascending positions in the first level by application of a fragmented store algorithm; and

causing at least one sequence table to be stored in the first level, the at least one sequence table including information defining an order in which the data fragments are stored, and

causing data units to be stored in respectively ascending positions in the second level.

Art Unit: 2189

Claim 24 (currently amended): A system comprising:

a storage device to store instructions that, if executed, enable the system to:

store persistent data in a first level of a unified memory device, the persistent data comprising a plurality of data fragments;

store dynamic data in a second level of the unified memory device, the dynamic data comprising a plurality of data units; and

store a plurality of unit headers in the first level, wherein each unit header is associated with a data fragment and a data unit; and

store at least one sequence table in the first level, the sequence table to link data fragments and to define an order in which the data fragments are stored; and

an antenna coupled to the storage device.

Cancel claim 27.

Claim 28 (current amended): A system as defined in Claim ~~[[27]]~~ 24, further comprising instructions that, if executed, enable the system to:

store a plurality of object pointers in the second level, each object pointer being associated with a respective one of the data units.

Cancel claim 34.

Art Unit: 2189

Claim 35 (new): A method as defined in Claim ~~[[34]]~~ 1, further comprising causing the at least one sequence table to be stored adjacent to the logical memory management boundary.

Art Unit: 2189

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Shawn Gu whose telephone number is (571) 272-0703.

The examiner can normally be reached on 9am-5pm, Monday through Friday.

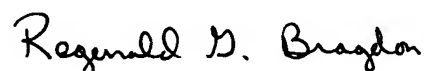
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Reginald Bragdon can be reached on (571) 272-4204. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Shawn X Gu
Patent Examiner
Art Unit 2189

22 February 2006



REGINALD G. BRAGDON
PRIMARY EXAMINER